

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/07240

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B22D37/00 B22D11/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B22D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 008, no. 180 (M-318), 18 August 1984 (1984-08-18) & JP 59 073173 A (KAWASAKI SEITETSU KK), 25 April 1984 (1984-04-25) abstract	1,6
A	US 3 833 050 A (FRIDMAN L ET AL) 3 September 1974 (1974-09-03) figure	1,9
A	FR 2 659 880 A (SIDERURGIE FSE INST RECH) 27 September 1991 (1991-09-27) abstract; figure	1,9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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Date of the actual completion of the international search

30 October 2003

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06/11/2003

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Hodiamont, S

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 59073173	A	25-04-1984	NONE	
US 3833050	A	03-09-1974	NONE	
FR 2659880	A	27-09-1991	FR 2659880 A1	27-09-1991